

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A display comprising:
a first electrode that is a frontmost electrode of the display;
at least one second electrode arranged opposite to the first electrode, the first electrode and the at least one second electrode activate an area of the display after the display has been activated; and
a capacitance sensor arranged to detect a presence of a user and including:
a third electrode, different from the at least one second electrode, that is ~~one of~~
a case of the display; ~~and~~
~~a power electrode of a circuit that is arranged to drive or control the display;~~
wherein
the capacitance sensor also includes the first electrode; and
the first electrode is also a sensing electrode of the capacitance sensor to detect the presence of the user.

Claim 2 (original): A display according to claim 1, in which the display comprises an electroluminescent display.

Claim 3 (previously presented): A display according to claim 1, in which the capacitance sensor further includes electronics arranged to measure the capacitance between the first electrode and the third electrode and to output a signal based upon the measurement of the capacitance.

Claim 4 (previously presented): A display according to claim 2, in which the first electrode is arranged to activate light-emitting areas of the electroluminescent display.

Claim 5 (previously presented) A display according to claim 3, further comprising circuitry arranged to activate the display based upon the signal.

Claim 6 (canceled).

Claim 7 (previously presented): A display according to claim 5, in which a diode is arranged to protect either the capacitance sensor or the circuitry arranged to activate the display.

Claim 8 (withdrawn): A display according to claim 1, in which the capacitance sensor comprises a capacitance and the display is arranged to detect the time taken to charge the capacitance to a specific value.

Claim 9 (withdrawn): A display according to claim 8, in which the display is arranged to charge the capacitance at two or more charging rates.

Claim 10 (withdrawn): A display according to claim 9, in which the display is arranged to charge the capacitance at a first rate for a first period of time so as to charge the capacitance to close to a threshold voltage, followed by a second, significantly slower, rate, until the threshold voltage is reached.

Claim 11 (withdrawn): A display according to claim 10, in which the display is arranged to detect a change in the time taken to reach the threshold voltage to indicate the presence of a user.

Claim 12 (withdrawn): A display according to claim 10, in which the display is arranged to adjust the first period of time by feedback from the time taken to charge the capacitance to the threshold voltage.

Claim 13 (currently amended): An electroluminescent display comprising:
a first electrode that is a frontmost electrode of the electroluminescent display;
at least one second electrode arranged opposite to the first electrode, the first electrode and the at least one second electrode activate an area of the electroluminescent display after the electroluminescent display has been activated; and
a capacitance sensor including:
a third electrode, different from the at least one second electrode, that is ~~one of~~
a case of the electroluminescent display; ~~and~~
~~a power electrode of a circuit that is arranged to drive or control the electroluminescent display;~~ wherein
the capacitance sensor also includes the first electrode; and
the first electrode is also a sensing electrode of the capacitance sensor to detect the presence of the user; and
electronics arranged to:
measure the capacitance between the first electrode and the third electrode to determine a presence of a user;
provide a signal based upon the determination of the presence of a user;
and
activate the electroluminescent display based upon the signal.

Claim 14 (currently amended): A display comprising:
a capacitance sensor arranged to detect a presence of a user and including a first electrode that is a front electrode of the display;

at least one second electrode arranged opposite to the first electrode, the first electrode and the at least one second electrode activate an area of the display after the display has been activated; and

a protection diode arranged to protect the capacitance sensor from an excessive voltage on the front electrode and including:

a first end connected to the front electrode of the display; and

a second end connected to at least one circuit element of the capacitance

sensor; wherein

the capacitance sensor further includes a third electrode, different from the at least one second electrode, that is a case of the display; and

the first electrode is used both as a display electrode arranged to activate the display and as a sensing electrode of the capacitance sensor to detect the presence of the user.

Claims 15 and 16 (canceled).